



Datasheet for ABIN6264180

anti-PHLDA2 antibody (Internal Region)



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2 Images

Overview

Quantity:	100 µL
Target:	PHLDA2
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PHLDA2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	A synthesized peptide derived from human PHLA2, corresponding to a region within the internal amino acids.
Isotype:	IgG
Specificity:	PHLA2 Antibody detects endogenous levels of total PHLA2.
Predicted Reactivity:	Pig,Bovine,Chicken
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Target Details

Target:	PHLDA2
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Target Details

Alternative Name: [PHLDA2 \(PHLDA2 Products\)](#)

Background: Description: Plays a role in regulating placenta growth. May act via its PH domain that competes with other PH domain-containing proteins, thereby preventing their binding to membrane lipids (By similarity).

Gene: PHLDA2

Molecular Weight: 17kDa

Gene ID: 7262

UniProt: [Q53GA4](#)

Pathways: [Regulation of Carbohydrate Metabolic Process](#)

Application Details

Application Notes: IHC 1:50-1:200, WB 1:500-1:2000, ELISA(peptide) 1:20000-1:40000

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.

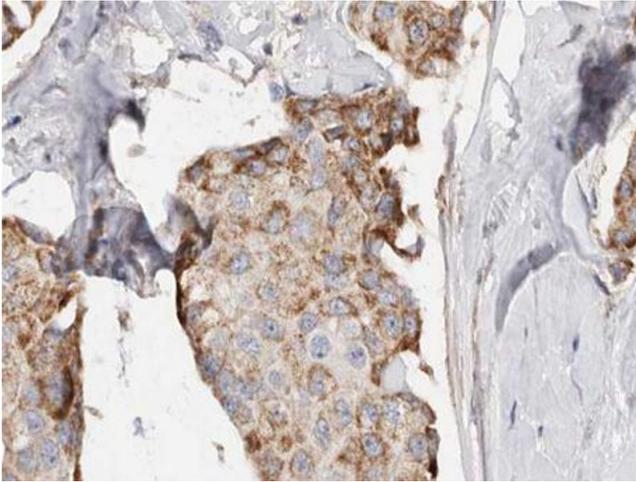
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

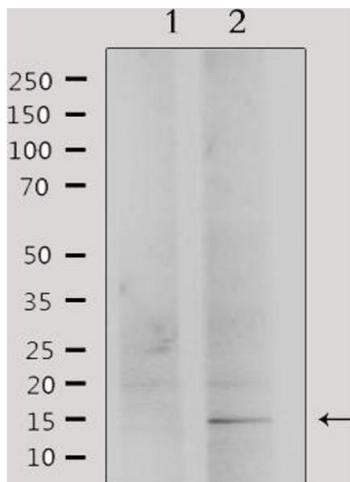
Storage Comment: Store at -20 °C. Stable for 12 months from date of receipt.

Expiry Date: 12 months



Immunohistochemistry

Image 1. ABIN6266941 at 1/100 staining human Breast cancer tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



Western Blotting

Image 2. Western blot analysis of extracts from HepG2, using PHLA2 Antibody. Lane 1 was treated with the antigen-specific peptide.